Sl. No.	Programmes/Schemes	9th Plan Physical Targets
10.	Wind Power	1000 MW
11.	Small Hydro Power (SHP)	130 MW
	(Water Mill)	700 Nos.
	(Repair Maintenance)	65MW
12.	Biomass Power	314MW
13.	Solar Power	141.5 MW
14.	Urban Industrial & National Bio-energy Board	42 MW

MW = Mega Watt; KW = Kilo Watt; M.Sq. = Meter Square

STATEMENT-II

Details of estimated potential in the Renewable Energy Sector in the country

	Soruce /System	Estimated Potential
1.	Biogas plants (No.)	120 lakh
2.	Improved Chulha (No.)	12 crores
3.	Biomass Power	17.000 MW
4.	Bagasse based Cogeneration	3500MW
5.	Solar Photovoltaic	20 MW / sq.km.
6.	Solar Thermal	35 MW / sq.km.
	Solar Water Heating Systems	30 million square meter collector area
7.	Wind Power 45,000 MW	
8.	Small Hydro Power 10.000 MW	
9.	Energy Recovery from wastes 1700 MW	

MW = Mega-watt Sq. Km. = Square Kilometer

Development of Solar Energy in Assam

4801. SHRI PRAKANTA WARISA: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the details of Central grants sanctioned for the development of solar energy during the last five years and till date in the State of Assam; and

(b) the necessary steps being taken by Government in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) Under the solar energy programmes, the Ministry has been supporting the installation of various solar energy devices / systems all over the country, including the State of Assam. The solar energy programmes are being implemented in Assam by the Assam Science, Technology and Environment Council ASTEC), Guwahati.

During the last five years, central grants have been provided to the State for supply / installation of solar lanterns, solar home lighting systems, street lighting systems, small capacity power plants and solar water heating system, organization of training programmes, preparation of Detailed Project Report for design and construction of solar passive buildings and establishment of an "Aditya' solar shop.

The central grants released for the development and use of solar energy in Assam during the above period are as given below:

(Rs. in lakhs)

Year	Central Grants Released
1995-96	5.84
1996-97	7.00
1997-98	21.60
1998-99	99.10
1999-2000	24.38

Under the current year's solar energy programmes, targets are yet to be allocated to the State of Assam. No funds have been released so far.

A team of officials from the Ministry has recently visited some North-Eastern States, including Assam to explore the possibility of expansion of various renewable energy programmes in these States. The implementation of the solar energy programmes in Assam was reviewed by the team and some possible projects were discussed. Specific proposals will be developed by the State Government.